

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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March 9, 2010

Christopher B. Fisher, Esq. Daniel M. Laub, Esq. Cuddy & Feder, LLP 445 Hamilton Avenue, 14th Floor White Plains, NY 10601

RE: **DOCKET NO. 395** – New Cingular Wireless PCS, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of two telecommunications facilities located off of Haywardville Road and Ed Williams Road both in the Town of East Haddam, Connecticut.

Dear Attorneys Fisher and Laub:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than March 23, 2010. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 20 copies to this office. In accordance with the State Solid Waste Management Plan, the Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

Yours very truly,

Executive Director

SDP/jbw

c: Council Members Michele Briggs, AT&T Parties and Intervenors



Docket 395: AT&T East Haddam, Connecticut Interrogatories – Set Two

Devil's Hopyard North (East Haddam Fish & Game Club Property Site)

- 1. The proposed roadway and tower compound are proposed within close proximity to inland wetlands and watercourses, approximately 6' and 62', respectively from the flagged wetland limits (as shown on sheet #C02 of the application). With a host property of approximately 102 acres, please explain why the facility was located essentially in a very narrow and steep sliver of upland surrounded closely by wetland.
- 2. A 4/6/09 letter from BL Company's wetland scientists (found behind the first Tab A of the application) identifies a risk of soil movement to surface waters and wetlands during construction. The wetland experts recommend that appropriate best management practices (BMP's) be to implemented and maintained throughout construction. Please identify the specific BMP's that would be utilized and who will design, install, inspect and maintain these measures.
- 3. Based on the steep topography, local drainage pattern and length of roadway, will any stormwater drainage features, such as swales, culverts, energy dissipaters, etc..., be necessary to construct? And if so, to what standard will they be designed and installed?
- 4. Post-construction of the facility, what will width of the permanent vegetated buffers to the nearby wetlands be? And do you consider these buffer widths protective of the wetland's long-term functions and values?
- 5. What is the width of the road crossing the culvert? Would the culvert support use by construction equipment? Describe soil stabilization on both ends of the culvert.
- 6. In the application Tab 3/Tab B, the Archeological Assessment for the East Haddam Fish and Game Club site prepared by the Ottery Group dated March 27, 2009, Tower Evaluation Form No. 20 states "The planned undertaking will not involve construction of an access road." Clarify this statement.
- 7. In the application Tab 3/Tab B, numerous letters to consulting parties dated April 8, 2009, described the East Haddam Fish and Game Club property site would use a generator and LP fuel tank. When did AT&T decide to use diesel fuel? Describe advantages and disadvantages to using diesel fuel and liquid propane fuel. Would AT&T object if the Council ordered LP fuel?

Devil's Hopyard South (Tarpill Property Site)

- 8. West of the proposed access roadway, in the vicinity of wetland flags B10 through B20, BL Company's wetland scientists identified on a sketch map #WD-1 (found behind the second Tab A) two potential vernal pools. Has the applicant conducted any additional studies on these potential vernal pools? If so, provide documentation.
- 9. How far is the proposed roadway edge from the limits of the two potential vernal pools? If these areas were indeed vernal pools providing obligate amphibian breeding habitat, does the project provide an adequate buffer and level of development to protect this critical function.
- 10. Would the project be consistent with the guidance in the following document: Calhoun, A.J.K. and M.W. Klemens. 2002. <u>Best development practices for pool-breeding amphibians in commercial and residential developments.</u> Wildlife Conservation Society Technical Paper #5. Rye, New York.
- 11. How far is the proposed tower site from Burnham Brook, a tributary to the Eightmile River? What impact, if any, will the project have on Burnham Brook and its associated wetlands?
- 12. Describe the advantages and disadvantages to using the existing unimproved woods road as identified on Tab 4/Tab B Map LE-1?
- 13. In the application Tab 4/Tab A, the BL Company letter dated September 14, 2009 page 2, Wetland Description states:
 - a. Wetland A is approximately 150 feet south of the proposed tower. Clarify discrepancy with Tab 4 Site Plan CO2B indicating 160 feet southwest of the proposed tower as marked by the tower radius.
 - b. Wetland A is described in the paragraph for Wetland B. Should Wetland "A" actually read "B".
- 14. In application Tab 5, numerous letters to consulting parties dated October 1, 2009 did not include a generator in the description of the Tarpill property site. Did AT&T contemplate using a generator? Does omission of a proposed generator in the site description affect the standing of the application before the Council?
- 15. Response to Council interrogatory no. 3, identifies 875 cubic yards of material would be removed to install the access road and compound area and no fill is required at the Tarpill property site. Identify where the excavated material from both sites would be deposited? How many truck loads would be needed to move the material? What is the capacity in cubic yards of the truck?

Devil's Hopyard North and Devil's Hopyard South

- 16. Would AT&T agree the geology in proximity to both sites is extremely rocky with exposed boulders? Describe the construction process to install the utilities underground and tower foundation.
- 17. How is the cleared timber managed? Does the property owner(s) retain ownership of the timber or value thereof? If not, explain.
- 18. Propagation coverage plots attached to Council interrogatory no. 18 identifies coverage for the proposed Devil's Hopyard North (East Haddam Fish and Game Club property) and Devil's Hopyard South site (Tarpill property) site s at 160 feet and 150 feet, respectively. Identify the distance along Salem Road at signal level -82 to -92 dbm located approximately 1.5 miles east-northeast from the Devil's Hopyard North site? Would calls be dropped or not initiated at a signal level between -82 and-92? Identify parameters that would cause inability to use the signal level in this range.
- 19. Would the applicant agree that coverage along State Highway 11 and East Haddam Turnpike are similar at the proposed tower heights and at a height ten feet lower than proposed? If not, describe the differences. Identify the tower height required at both sites to eliminate the gaps of coverage on State Highway 11 and East Haddam Turnpike?

Connecticut Siting Council Alternative Locations

- 20. Describe the advantages and disadvantages to shortening the road at the Devil's Hopyard North site? Could AT&T locate the site approximately 210 feet from the road at elevation 485 feet above mean sea level?
- 21. Describe the advantages and disadvantages to shortening the road at the Devil's Hopyard South site? Could AT&T locate the site approximately 570 feet from the road adjacent to the stone walls at elevation 490 feet above mean sea level?
- 22. If the roads were shortened identify the number of trees six-inches in diameter at breast height to be cleared for the Devil's Hopyard North site? At the Devil's Hopyard South site?
- 23. If the roads were shortened identify the cut and fill to construct the Devil's Hopyard North site? At the Devil's Hopyard South site?
- 24. If the roads were shortened identify the nearest wetland/watercourse to the access road and to the compound of the Devil's Hopyard North site? At the Devil's Hopyard South site?
- 25. If the roads were shortened identify the nearest residence and number of residences within 1,000 feet of the proposed tower at the Devil's Hopyard North site? At the Devils's Hopyard South site?
- 26. If the roads are shortened identify the minimum tower height and provide radio frequency propagation plot of the tower for the Devil's Hopyard North site? At the Devils's Hopyard South site?
- 27. If the roads are shortened describe changes to the visual analysis for the Devil's Hopyard North site? At the Devil's Hopyard South site?